

Ghana



Since 2010, transport CO₂ emissions have increased by over two thirds in Ghana. It is the largest CO₂-emitting sector in the country, but there are currently no comprehensive strategies in place to establish a pathway towards low carbon, sustainable transport. Recent transport developments have been limited to improvements in rail transport. In urban areas, formal public transport, as well as frameworks for walking, cycling, and other efficient transport modes are lacking.

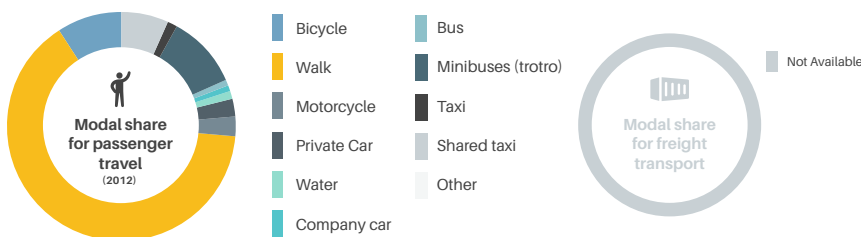
	Population size (2020)	Urban population share (2020)	GDP per capita (2019)
Total	31.1 million	56.7%	1 884.3
Growth <small>(2010 to 2020)</small>	25.4%	41.8%	78.1%

Income group: Middle-income
Human Development Index: 0.61

Mobility Demand Trends

Passenger travel activity
Not available

Freight transport activity
Not available



Car ownership growth (2005 to 2015)
32.2 vehicles per 1,000 people



+8.4%

Vehicle sales (2019)

Passenger (Growth 2010 to 2019) 3394 **-20.5%**
Commercial 2306 **-17.8%**

Fuel consumption (2018)
2 685

thousand tonnes of oil equivalent
+57% (2010 to 2018)

Average light duty fuel economy consumption (2017)
Not available



Diesel
US cents per litre (2018)

107

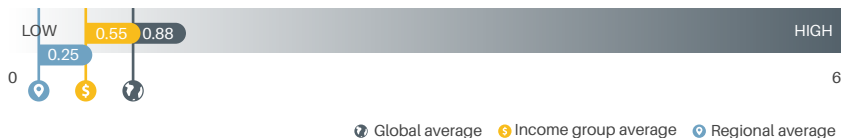
Super gasoline
US cents per litre (2018)

118

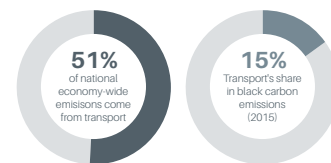
Transport Emission Trends

Transport CO₂ emissions (2019)
8.6 million tonnes

Per capita transport CO₂ emissions (2019)
0.3 tonnes

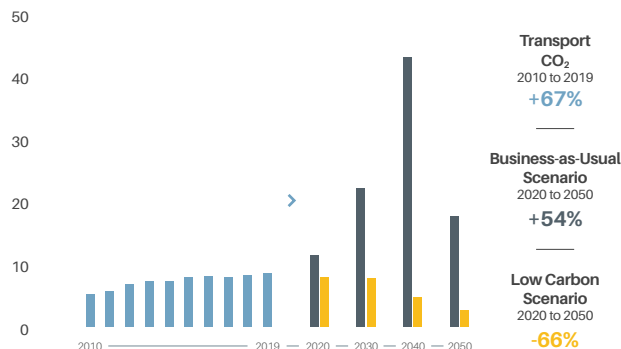


Largest CO₂ producing sector in the country



Low Carbon Transport Pathways

Transport strategy identifies climate change	✓
Long-term strategy submitted to UNFCCC	Not submitted
NDC submitted	1st NDC
NDC highlights transport for GHG mitigation	✓
Transport mitigation targets in NDC	✗
Other non-emission related transport targets in NDC	Not available
Voluntary National Review highlights transport	✓
2019 VNR with transport linkages to SDG 3	



Transport measures in NDC

Mitigation

- Public transport integration and expansion
- Standards for urban mobility planning

Adaptation

- Transport infrastructure resilience

Sustainable Mobility Planning & Transport Demand Management

National Urban Mobility Framework (2020)	Not available
Sustainable Urban Mobility Plans (2020)	Not available
Low Emission Zones (2020)	Not available

Walking and Cycling

National walking and cycling strategies (2020)	Walking and cycling combined in Guidance Document for NMT-Planning
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Targets	<ul style="list-style-type: none"> Goals suggested for improvements in environments to support walking and cycling
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Cycling infrastructure in capital (2020)	Not available
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Urban Passenger and Freight Transport

Bus rapid transit (2020)	Not available
Urban rail (LRT, metro, tram) (2020)	Not available
Bus rapid transit daily passenger volume (2020)	Not available
Rapid Transit to Resident Ratio (2019)	Not available

Passenger and Freight Railways

Rail network (2006)	953 km
High-speed rail (2018)	Not available
High-speed rail travel activity (2018)	Not available
National plans for passenger and freight rail expansion	✓
Targets	<ul style="list-style-type: none"> 6-part phase rehabilitation and expansion plan to develop nation-wide railway system
Rail travel activity (2006)	85 million passenger-km
Rail freight activity (2006)	181 million ton-km

Shared Mobility Services

Bike-sharing systems (2020)	Not available
Electric scooter services (2020)	Not available
Carsharing services (2021)	Not available
National legal frameworks for shared mobility (2020)	Not available
Autonomous vehicles in operation or in preparation (2020)	Not available
Autonomous vehicles strategies (2020)	Not available

Fuel Economy

Emission standards for LDVs (2018)	Not available
CO2 emissions performance for LDVs (2017)	Not available
Emission standards for HDVs (2018)	Not available
Targeted CO ₂ emissions performance	Not available

Electric Mobility

Electric vehicles (2019)	Not available
Market share of electric vehicles (2019)	Not available
No. of cities with electric buses (2019)	Not available
ICE phase-out targets	✗

Renewable Energy

Biofuel blend mandate (2019)	Not available
Renewable energy (biofuels and electricity) share in transport (2018)	Less than 0.1%
Targeted % of renewable energy	Not available

Aviation

Air passengers carried (2019)	0.6 million people
Air freight activity (2019)	Not available
Carbon-accredited airports (2020)	✗
<i>of which carbon neutral</i>	✗

Shipping

Liner shipping connectivity index (2019)	19.8
Container port traffic (2019)	1 100 205 TEU

COVID-19

Traditional transport infrastructure investment	Not available
Clean transport infrastructure investment	Not available

This fact sheet is part of the SLOCAT Transport and Climate Change Global Status Report - 2nd edition.

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List of acronyms

GDP	Gross-domestic product
HDV	Heavy-duty vehicle
ICE	Internal combustion engine
LDV	Light-duty vehicle
LRT	Light-rail transit
NDC	Nationally determined contribution
TEU	Twenty-foot Equivalent Unit
UNFCCC	United Nations Framework Convention on Climate Change
VNR	Voluntary national review of the Sustainable Development Goals
WLTP	Worldwide harmonised light vehicles test procedure